

DETECTION OF HUMAN HEPATITIS B
VIRUS SURFACE ANTIGEN MUTANTS BY SPECIFIC
AMPLIFICATION AND ITS APPLICATION ON GENE CHIP

5 Abstract of the Invention

Novel DNA probe sequences for detection, by polymerase
chain reaction, of human hepatitis B virus surface
antigen mutant 145 (Glycine to Arginine) from serum
10 samples. As a direct application, these specific DNA
probes are immobilized on solid glass supports (gene
chip) for detection of human hepatitis B virus surface
antigen mutant 145 (Glycine to Arginine) by
fluorescence.